

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-33 (Cancelled).

Claim 34 (Previously Presented) A wall of a building, comprising a film attached to the wall of the building, wherein the film has a water vapor diffusion resistance (s_d -value) at a relative humidity of an atmosphere surrounding the vapor retarder in the region of 30% to 50% of 2 to 5 meters diffusion-equivalent air layer thickness, and, at a relative humidity in the region of 60% to 80% which is < 1 meter diffusion-equivalent air layer thickness.

Claim 35 (Previously Presented) The wall of the building according to claim 34, which further comprises a carrier material attached to the film.

Claim 36 (Previously Presented) The wall of the building according to claim 35, wherein the carrier material has a water vapor diffusion resistance which is less than the water vapor diffusion resistance of the film.

Claim 37 (Previously Presented) The wall of the building according to claim 35, wherein the carrier material is selected from the group consisting of particle board, chip board, oriented strand board, plywood paneling, gypsum board, fiber reinforced gypsum board, fiber board, cement board, cementitious wood wool board, calcium silica board, fiber insulation batts, fiber insulation slabs, foam insulation slabs, wall paper, and cloth.

Claim 38 (Previously Presented) The wall of the building according to claim 35, wherein the carrier material is a fiber-reinforced cellulose material.

Claim 39 (Previously Presented) The wall of the building according to claim 34, further comprising at least two layers of a carrier material, wherein the film is sandwiched between two layers of carrier material, the two layers of carrier material having a water vapor diffusion resistance which is less than the water vapor diffusion resistance of the film.

Claim 40 (Previously Presented) The wall of the building according to claim 34, wherein the film comprises polyamide.

Claim 41 (Previously Presented) The wall of the building according to claim 40, wherein the polyamide is selected from the group consisting of polyamide 6, polyamide 4, and polyamide 3.

Claim 42 (Previously Presented) The wall of the building according to claim 41, wherein the polyamide is polyamide 6.

Claim 43 (Previously Presented) The wall of the building according to claim 34, wherein the film has a thickness of 10 μm to 2 mm.

Claim 44 (Previously Presented) The wall of the building according to claim 34, wherein the film has a thickness of 20 μm to 100 μm .

Claim 45 (Previously Presented) The wall of the building according to claim 34, wherein the film comprises a pattern.

Claim 46 (Previously Presented) The wall of the building according to claim 47, wherein the film comprises a printed color pattern.

Claim 47 (Previously Presented) A roof of a building, comprising a film attached to the roof of the building, wherein the film has a water vapor diffusion resistance (s_d -value) at a relative humidity of an atmosphere surrounding the vapor retarder in the region of 30% to 50% of 2 to 5 meters diffusion-equivalent air layer thickness, and, at a relative humidity in the region of 60% to 80% which is < 1 meter diffusion-equivalent air layer thickness.

Claim 48 (Previously Presented) The roof of a building according to claim 47, which further comprises a carrier material attached to the film.

Claim 49 (Previously Presented) The roof of a building according to claim 48, wherein the carrier material has a water vapor diffusion resistance which is less than the water vapor diffusion resistance of the film.

Claim 50 (Previously Presented) The roof of a building according to claim 48, wherein the carrier material is selected from the group consisting of particle board, chip board, oriented strand board, plywood paneling, gypsum board, fiber reinforced gypsum

board, fiber board, cement board, cementitious wood wool board, calcium silica board, fiber insulation batts, fiber insulation slabs, foam insulation slabs, wall paper, and cloth.

Claim 51 (Previously Presented) The roof of a building according to claim 48, wherein the carrier material is a fiber-reinforced cellulose material.

Claim 52 (Previously Presented) The roof of a building according to claim 47, further comprising at least two layers of a carrier material, wherein the film is sandwiched between two layers of carrier material, the two layers of carrier material having a water vapor diffusion resistance which is less than the water vapor diffusion resistance of the film.

Claim 53 (Previously Presented) The roof of a building according to claim 47, wherein the film comprises polyamide.

Claim 54 (Previously Presented) The roof of a building according to claim 53, wherein the polyamide is selected from the group consisting of polyamide 6, polyamide 4, and polyamide 3.

Claim 55 (Previously Presented) The roof of a building according to claim 54, wherein the polyamide is polyamide 6.

Claim 56 (Previously Presented) The roof of a building according to claim 47, wherein the film component has a thickness of 10 μm to 2 mm.

Claim 57 (Previously Presented) The roof of a building according to claim 47, wherein the film component has a thickness of 20 μm to 100 μm .

Claim 58 (Previously Presented) The roof of a building according to claim 47, wherein the film comprises a pattern.

Claim 59 (Previously Presented) The roof of a building according to claim 47, wherein the film comprises a printed color pattern.

Claim 60 (Previously Presented) The roof of a building according to claim 47, wherein the film is positioned between at least two rafters of said roof of the building.

Claim 61 (Previously Presented) A building structure comprising the wall of a building according to claim 34.

Claim 62 (Previously Presented) A building structure comprising the wall of a building according to claim 47.

Claim 63 (Previously Presented) A method of constructing a wall of a building, comprising applying to the wall, a film having a water vapor diffusion resistance (s_d -value) at a relative humidity of an atmosphere surrounding the vapor retarder in the region of 30% to 50% of 2 to 5 meters diffusion-equivalent air layer thickness, and, at a relative humidity in the region of 60% to 80% which is < 1 meter diffusion-equivalent air layer thickness.

Claim 64 (Previously Presented) The method according to claim 63, wherein the film is attached to a carrier material.

Claim 65 (Previously Presented) The method according to claim 64, wherein the carrier material has a water vapor diffusion resistance which is less than the water vapor diffusion resistance of the film.

Claim 66 (Previously Presented) The method according to claim 64, wherein the carrier material is selected from the group consisting of particle board, chip board, oriented strand board, plywood paneling, gypsum board, fiber reinforced gypsum board, fiber board, cement board, cementitious wood wool board, calcium silica board, fiber insulation batts, fiber insulation slabs, foam insulation slabs, wall paper, and cloth.

Claim 67 (Previously Presented) The method according to claim 64, wherein the carrier material is a fiber-reinforced cellulose material.

Claim 68 (Previously Presented) The method according to claim 63, further comprising at least two layers of a carrier material, wherein the film is sandwiched between two layers of carrier material, the two layers of carrier material having a water vapor diffusion resistance which is less than the water vapor diffusion resistance of the film.

Claim 69 (Previously Presented) The method according to claim 63, wherein the film comprises polyamide.

Claim 70 (Previously Presented) The method according to claim 69, wherein the polyamide is selected from the group consisting of polyamide 6, polyamide 4, and polyamide 3.

Claim 71 (Previously Presented) The method according to claim 70, wherein the polyamide is polyamide 6.

Claim 72 (Previously Presented) The method according to claim 63, wherein the film component has a thickness of 10 μm to 2 mm.

Claim 73 (Previously Presented) The method according to claim 63, wherein the film component has a thickness of 20 μm to 100 μm .

Claim 74 (Previously Presented) The method according to claim 63, wherein the film comprises a pattern.

Claim 75 (Previously Presented) The method according to claim 63, wherein the film comprises a printed color pattern.

Claim 76 (Previously Presented) A method of constructing a roof of a building, comprising applying to the roof, a film having a water vapor diffusion resistance (s_d -value) at a relative humidity of an atmosphere surrounding the vapor retarder in the region of 30% to 50% of 2 to 5 meters diffusion-equivalent air layer thickness, and, at a relative humidity in the region of 60% to 80% which is < 1 meter diffusion-equivalent air layer thickness.

Claim 77 (Previously Presented) The method according to claim 76, wherein the film is attached to a carrier material.

Claim 78 (Previously Presented) The method according to claim 77, wherein the carrier material has a water vapor diffusion resistance which is less than the water vapor diffusion resistance of the film.

Claim 79 (Previously Presented) The method according to claim 78, wherein the carrier material is selected from the group consisting of particle board, chip board, oriented strand board, plywood paneling, gypsum board, fiber reinforced gypsum board, fiber board, cement board, cementitious wood wool board, calcium silica board, fiber insulation batts, fiber insulation slabs, foam insulation slabs, wall paper, and cloth.

Claim 80 (Previously Presented) The method according to claim 77, wherein the carrier material is a fiber-reinforced cellulose material.

Claim 81 (Previously Presented) The method according to claim 76, further comprising at least two layers of a carrier material, wherein the film is sandwiched between two layers of carrier material, the two layers of carrier material having a water vapor diffusion resistance which is less than the water vapor diffusion resistance of the film.

Claim 82 (Previously Presented) The method according to claim 76, wherein the film comprises polyamide.

Claim 83 (Previously Presented) The method according to claim 82, wherein the polyamide is selected from the group consisting of polyamide 6, polyamide 4, and polyamide 3.

Claim 84 (Previously Presented) The method according to claim 83, wherein the polyamide is polyamide 6.

Claim 85 (Previously Presented) The method according to claim 76, wherein the film component has a thickness of 10 μm to 2 mm.

Claim 86 (Previously Presented) The method according to claim 76, wherein the film component has a thickness of 20 μm to 100 μm .

Claim 87 (Previously Presented) The method according to claim 76, wherein the film comprises a pattern.

Claim 88 (Previously Presented) The method according to claim 76, wherein the film comprises a printed color pattern.

Claim 89 (Previously Presented) The method according to claim 76, wherein the film is applied between at least two rafters of the roof.

Claim 90 (New) The wall of the building according to claim 34, which further comprises an insulation material between the wall and said film.

Claim 91 (New) The roof of a building according to claim 37, which further comprises an insulation material between the roof and said film.

Claim 92 (New) The method according to claim 63, which further comprises installing an insulation material between the wall of a building and said film.

Claim 93 (New) The method according to claim 76, which further comprises installing an insulation material between the roof of a building and said film.

Claim 94 (New) A method of insulating a building, comprising installing a film component and an insulation material onto the building, wherein the film component has a water vapor diffusion resistance (s_d -value) at a relative humidity of an atmosphere surrounding the vapor retarder in the region of 30% to 50% of 2 to 5 meters diffusion-equivalent air layer thickness, and, at a relative humidity in the region of 60% to 80% which is < 1 meter diffusion-equivalent air layer thickness.

Claim 95 (New) The method of claim 94, wherein the film component is attached to a carrier material.

Claim 96 (New) The method of claim 95, wherein the carrier material has a water vapor diffusion resistance which is less than the water vapor diffusion resistance of the film.

Claim 97 (New) The method of claim 94, wherein the film component comprises polyamide.

Claim 98 (New) The method of claim 97, wherein the polyamide is selected from the group consisting of polyamide 6, polyamide 4, and polyamide 3.

Claim 99 (New) The method of claim 98, wherein the polyamide is polyamide 6.

Claim 100 (New) The method of claim 94, wherein the film component has a thickness of 10 μm to 2 mm.

Claim 101 (New) The method of claim 94, wherein the film component has a thickness of 20 μm to 100 μm .

Claim 102 (New) The method of claim 94, wherein the installing the film comprises spraying or painting the film component onto the building.

Claim 103 (New) The method of claim 94, wherein the film component is a formed film.

Claim 104 (New) The method of claim 103, wherein the film component comprises polyamide.

Claim 105 (New) The method of claim 104, wherein the polyamide is selected from the group consisting of polyamide 6, polyamide 4, and polyamide 3.

Claim 106 (New) The method of claim 105, wherein the polyamide is polyamide 3.

Claim 107 (New) The method of claim 103, wherein the thickness of the formed film is 10 μm to 2 mm.

Claim 108 (New) The method of claim 103, wherein the thickness of the formed film is 20 μm to 100 μm .

Claim 109 (New) The method of claim 103, wherein the formed film comprises a pattern.

Claim 110 (New) The method of claim 103, wherein the formed film comprises a printed color pattern.